

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7	((stutter\$3 or stammer\$3 or hear or hearing or anti \$stutter\$3 or speech) and sound and bone and skull and (amplify\$3 or amplificat\$3) and vibrat \$3).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/11/06 08:01
L2	2	(stutter\$3 or stammer\$3 or anti\$stutter\$3 or speech or speak\$3) and l1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/11/06 08:09
L3	21	(US-20010056300-\$ or US-20040028249-\$ or US-20040032962-\$ or US-20040172102-\$ or US-20040236176-\$ or US-20050226447-\$ or US-20060015155-\$ or US-20060089522-\$ or US-20050141730-\$ or US-20040234091-\$).did. or (US-6231500-\$ or US-4377158-\$ or US-4982434-\$ or US-5047994-\$ or US-5478304-\$ or US-5788656-\$ or US-5940798-\$ or US-5961443-\$ or US-6491622-\$ or US-7043040-\$ or US-6402682-\$).did.	US-PGPUB; USPAT	OR	OFF	2008/11/06 08:33
L4	13	(stutter\$3 or stammer\$3 or anti\$stutter\$3 or speech or speak\$3) and l3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/11/06 08:34
L5	1210	(600/23 600/24 128/897).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/11/06 12:03
L6	1474	(600/23 600/24 128/897 704/271).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/11/06 12:03

S1	7	(( "3566858" ) or ("4221488" ) or ("4498461" ) or ("4685448" ) or ("5478304" ) or ("5961443" ) ).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/02/12 09:19
S2	38	(600/23).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/02/12 09:20
S3	36	(600/24).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/02/12 09:26
S4	232	(704/271).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/02/12 09:31
S5	1832	128/897	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/02/12 09:34
S6	678	S5 and (hear\$3 or stutter \$3 or anti\$stutter\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/02/12 09:35
S7	91	S6 not heart	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/02/12 09:35
S8	90	S7 not \$2continen\$2	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/02/12 09:48
S9	3114	vibrat\$3 and (implant\$3 with skull or bone) and frequency and (circuit\$2 or delay\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/12 09:54
S10	13	S9 and (anti\$stutter\$3 or stutter\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/12 09:55
S11	507	vibrat\$3 and (implant\$3 with (skull or bone)) and frequency and (circuit\$2 or delay\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/12 09:57
S12	2	S11 and (anti\$stutter\$3 or stutter\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/12 10:04

S13	751	vibrat\$3 and (implant\$3 with (skull or bone)) and frequency	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/12 09:55
S14	2	S13 and (anti\$stutter\$3 or stutter\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/12 09:56
S15	2	((("20010056300") or ("20020091337")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/02/12 10:01
S16	1	("5085628").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/02/12 10:01
S18	1	"20010056300"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/02/12 10:07
S19	507	vibrat\$3 and (implant\$3 with (skull or bone)) and frequency and (circuit\$2 or delay\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/12 10:14
S20	290	S19 and (hear or hearing)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/12 10:14
S21	192	S20 not heart	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/12 11:12
S22	187	S20 and speech	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/12 11:15
S23	1	S20 and (speech with impediment)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/12 11:12
S25	0	S20 and stammer\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/12 11:15
S27	2	S19 and (anti\$stutter\$3 or stutter\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/12 11:16

S28	209	S19 and speech	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/12 11:16
S29	26	S19 and (speech with (problem or defect or impediment or impair\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/02/12 11:17
S30	38	(600/23).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/02/12 11:21
S31	21754	((frequency with (shift or shifting) with circuit))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/30 11:57
S32	1157	(600/23 600/24 128/897). ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/30 13:02
S33	6	S31 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/30 11:58
S34	4	S33 and @ad<"20031022"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/30 12:54
S35	18	(US-20010056300-\$ or US- 20060015155-\$ or US- 20050226447-\$ or US- 20040236176-\$ or US- 20040172102-\$ or US- 20040032962-\$ or US- 20040028249-\$ or US- 20060089522-\$).did. or (US-5940798-\$ or US- 5961443-\$ or US-6231500- \$ or US-4377158-\$ or US- 5478304-\$ or US-6491622- \$ or US-5788656-\$ or US- 7043040-\$ or US-5047994- \$ or US-4982434-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/08/30 12:52
S36	1	S35 and vibrat\$3 and (stammer\$3 or stutter\$3 or anti\$stutter\$3)	US-PGPUB; USPAT	OR	OFF	2007/08/30 13:03
S37	74	(600/23 600/24).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/30 12:54

S38	8	S37 and vibrat\$3 and (stammer\$3 or stutter\$3 or anti\$stutter\$3)	US-PGPUB; USPAT	OR	OFF	2007/08/30 13:02
S39	5	S38 and @ad< "20031022"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/30 13:02
S40	5270	(128/898 128/897).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/30 13:02
S41	1	S40 and vibrat\$3 and (stammer\$3 or stutter\$3 or anti\$stutter\$3)	US-PGPUB; USPAT	OR	OFF	2007/08/30 13:17
S42	0	S41 and @ad< "20031022"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/30 13:18
S43	197	vibrat\$3 and (stammer\$3 or stutter\$3 or anti\$stutter\$3)	US-PGPUB; USPAT	OR	OFF	2007/08/30 13:16
S44	23	S43 and (skull or bone)	US-PGPUB; USPAT	OR	ON	2007/08/30 13:18
S45	1	S40 and vibrat\$3 and (stammer\$3 or stutter\$3 or anti\$stutter\$3)	US-PGPUB; USPAT	OR	ON	2007/08/30 13:03
S46	10	S44 and @ad< "20031022"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/30 13:10
S47	2294	vibrat\$3 and (stammer\$3 or stutter\$3 or anti\$stutter\$3 or impediment)	US-PGPUB; USPAT	OR	OFF	2007/08/30 13:15
S48	197	vibrat\$3 and (stammer\$3 or stutter\$3 or anti\$stutter\$3)	US-PGPUB; USPAT	OR	ON	2007/08/30 13:16
S49	880	(tactile or mechanical or vibrat\$3) and (stammer\$3 or stutter\$3 or anti\$stutter\$3)	US-PGPUB; USPAT	OR	OFF	2007/08/30 13:18
S50	683	S49 not S43	US-PGPUB; USPAT	OR	OFF	2007/08/30 13:18
S51	399	S50 and (skull or bone or bony)	US-PGPUB; USPAT	OR	ON	2007/08/30 13:18
S52	0	S42 and @ad< "20031022"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/30 13:18

S53	284	S51 and @ad<"20031022"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/30 14:12
S54	241	(704/271).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/08/30 14:12
S55	1174	(600/23 600/24 128/897). ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/21 15:11
S56	4470	(128/898).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/21 15:11
S57	1418	(600/23 600/24 128/897 704/271).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/02/21 15:12
S58	208	vibrat\$3 and (stammer\$3 or stutter\$3 or anti\$stutter \$3)	US-PGPUB; USPAT	OR	OFF	2008/02/22 08:53
S59	24	S58 and (skull or bone)	US-PGPUB; USPAT	OR	ON	2008/02/22 08:53
S60	917	(tactile or mechanical or vibrat\$3) and (stammer\$3 or stutter\$3 or anti\$stutter \$3)	US-PGPUB; USPAT	OR	OFF	2008/02/22 08:54

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